

**ABSTRACT OF THE DISCLOSURE.**

Disclosed is a system and method to provide continuity of service in a radio broadcasting system comprising at least one modem using the COFDM technique, comprising the transmission of N time-frequency cells modulated independently of one another.

The method comprises at least the following steps:  
at transmission:

- a) sending a number  $N_1$  of cells conveying signals needed for the transmission of a digitized audio signal  $S_1$ ,
- b) sending a number  $N_2$  of modulated cells to transmit an analog signal  $S_2$  of analog audio samples,

at reception:

- c) when the signals of the  $N_1$  cells cannot be decoded, replacing the digitized audio signal  $S_1$  by the analog signal  $S_2$  conveyed by the cells  $N_2$ .